Script.TRACER.FORD.TAURUS.POS4.1FAHP2D8_JG.v1.0.3.11_DC

Ford Taurus 2019 CAN Script

The compatibility if this script can only be guaranteed for:

1. Ford Taurus 2019 model
2. Vehicles with a VIN Number that starts with: **1FAHP2D8_JG**

This script can be used with the following devices:

1. Tracers

Version History

Reference	Version	Changes
SCR-968	V1.0.0.8	This script supports the standard system Parameters: Speed, RPM, Fuel, ECMST, Brake Pedal, Driver Door, Headlight. **The script should be compatible with vehicles with a VIN starting with: 1FAHP2D8_JG**
SCR-2667	V1.0.1.9	Added cruise control signal, gear box mode and odometer. Tracer script version of **Script.CAN.FORD.TAURUS.1FAHP2D8_JG.POS4.v1.0.1.9_DC_BETA**
SCR-2667	V1.0.2.10	Adjusted signal definitions based on new specification. Cruise control logic and outputs altered. All seatbelt and door states now included. Tracer script version of **Script.CAN.FORD.TAURUS.POS4.1FAHP2D8_JG.v1.0.2.10_DC_BETA**.
SCR-2667	V1.0.3.11	Removed Fuel level and ambient temperature parameters as per BETA testing. Added odo sync. Converted to Production. Tracer script version of **Script.CAN.FORD.TAURUS.POS4.1FAHP2D8_JG.v1.0.3.11_DC**.

Supported Parameters

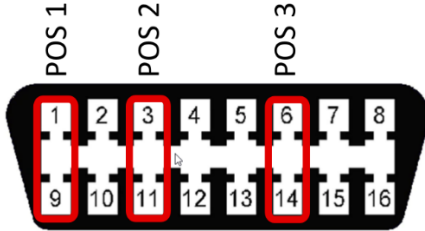| ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
ECMST	System.ECMST	Electronic Control Module Status	
CAN_N	System.Scratch40C	Engine RPM	
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	0 to 16 777 210 Km
CAN_V	System.Scratch40D	Road speed	
CANFE	System.CAN.FuelQuantity	CAN Fuel Quantity	
AMBAP	System.FM.CAN.AMBAP	FM CAN: Ambient Air Pressure	0 to 1.14 bar
BRKPS	System.FM.CAN.BRKPS	FM CAN: Brake Pedal State	0 = Not available 1 = Pressed 2 = released
CDRLS	System.FM.CAN.CDRLS	FM CAN: Central Door Lock State	0 = Deadlocked 1 = Locked 2 = All doors unlocked 3 = Driver's door unlocked
FCCBS	System.FM.CAN.FCCBS	FM CAN: Cruise Control Brake Status	0 = Not allowed 1 = Driver not braking 2 = Driver braking 3 = Not allowed
FCCOS	System.FM.CAN.FCCOS	FM CAN: Cruise Control Override State	0 = Not overriden 1 = Overridden
FCCST	System.FM.CAN.FCCST	FM CAN: Cruise Control State	0 = Off 1 = Denied 2 = Standby Denied 3 = Standby 4 = Active Queue Assist 5 = Active 6-7 = Undefined
DBBLT	System.FM.CAN.DBBLT	FM CAN: Driver Back Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
DD01S	System.FM.CAN.DD01S	FM CAN: Driver Door 1	0 = Not Present 1 = Open 2 = Closed
DD02S	System.FM.CAN.DD02S	FM CAN: Driver Door 2	0 = Not Present 1 = Open 2 = Closed

GBDRM	System.FM.CAN.GBDRM	FM CAN: Gear Box Drive Mode	0 = Park 1 = Reverse 2 = Neutral 3 = Drive 4=Sport 5 = Low 6 = 1st 7 = 2nd 8 = 3rd 9 = 4th 10 = 5th 11 = 6th 12 = 7th 13 = 8th 14 = Unknown 15 = Fault
HDLTS	System.FM.CAN.HDLTS	FM CAN: Head Light State	0 = Not present 1 = On 2 = Off
HDSWT	System.FM.CAN.HDSWT	FM CAN: Hood Switch	0 = Not Present 1 = Open 2 = Closed
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = Not Present 1 = On 2 = Off
PBRKS	System.FM.CAN.PBRKS	FM CAN: Park Brake State	0 = Not Present 1 = Engaged 2 = Disengaged
PBBLT	System.FM.CAN.PBBLT	FM CAN: Passenger Back Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
PDOS1	System.FM.CAN.PDOS1	FM CAN: Passenger Door 1	0 = Not Present 1 = Open 2 = Closed
PDOS2	System.FM.CAN.PDOS2	FM CAN: Passenger Door 2	0 = Not Present 1 = Open 2 = Closed
PSBLT	System.FM.CAN.PBELT	FM CAN: Passenger Seat Belt Status	0 = Not Present 1 = Plugged In 2 = Not Plugged In
PWSNS	System.FM.CAN.PWSNS	FM CAN: Passenger Weight Sensor	0 = Not Present 1 = Occupied 2 = Empty
RMBLT	System.FM.CAN.RMBLT	FM CAN: Rear Middle Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In

RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = Not Present 1 = On 2 = Off
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRPSB	System.FM.CAN.TRPSB	FM CAN: Third Row Driverside Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRDSB	System.FM.CAN.TRDSB	FM CAN: Third Row Middle Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRMSB	System.FM.CAN.TRMSB	FM CAN: Third Row Passengerside Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
DTS01	System.FM.CAN.DTS01	FM CAN: Trunk Door 1	0 = Not Present 1 = Open 2 = Closed
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	0 to 100 %
FMSCC	FMS.FMSCC	FMS Cruise Control Active	0 = Not active 1 = Keeping speed 2 = Accelerating 3 = Decelerating 4 = Resuming high 5 = Resuming low 6 = Tap up waiting 7 = Tap down waiting
FMCCS	FMS.FMCCS	FMS Cruise Control Set Speed	0 to 250.
FMEOT	FMS.FMEOT	FMS DM Engine Oil Temperature	-273 to 1 734.968 75 °C
FMSCT	FMS.FMSCT	FMS Engine Coolant Temperature	-40 to 1 734.968 75 °C

Installation Notes

1. **The script is ONLY compatible with TRACERS**
2. The CAN jumpers must be in a position to ONLY allow **read** actions on the CAN bus (Passive Mode)
3. The script supports 11 bit CAN message identifier CAN headers.
4. The script only supports a CAN bus with a speed of 500 kbit/s CAN bus speed
5. Device Drivers: BAS 1.70k - E15.08.27.xx or later sets are supported

Wiring and Installation Instructions

CAN bus location	4) Behind Instrument Cluster
Wire colours & details	WHITE CAN LOW 2.3 V - BLUE CAN HIGH 2.7 V
Can bus speed	500 kbit/s CAN bus speed